



Mouse Anti-Human IL-20 monoclonal antibody, clone NN14 (CABT-ZB857)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	It reacts with Human IL-20
Target	IL20
Immunogen	Recombinant Human interleukin-20 Protein
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Human
Clone	NN14
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA, ELISA(det) We recommend the following for sandwich ELISA (Capture - Detection): CABT-ZB470 - CABT-ZB857 This antibody will detect IL-20 in antibody pair set. [ABPR-ZB045]
Preparation	This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Human interleukin-20. The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.
Format	Purified, Liquid
Concentration	Lot specific

Size	100 µL, 200 µL
Buffer	PBS
Preservative	None
Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction IL20/Interleukin-20 belongs to the IL-10 family. It is a cytokine structurally related to interleukin 10. IL20/Interleukin-20 can be detected in skin, trachea, and other tissues. It is produced by activated keratinocytes and monocytes and transmits an intracellular signal through two distinct cell-surface receptor complexes on keratinocytes and other epithelial cells. It has been shown that interleukin-20 transduces its signal through signal transducer and activator of transcription 3 (STAT3) in keratinocytes. It may be involved in epidermal function and psoriasis. It also regulates the proliferation and differentiation of keratinocytes during inflammation, particularly inflammation associated with the skin. Also, IL20/Interleukin-20 also causes cell expansion of multipotential hematopoietic progenitor cells. A specific receptor for this cytokine is found to be expressed in skin and upregulated dramatically in psoriatic skin, suggesting a role for this protein in epidermal function and psoriasis.

Keywords IL20RA; Interleukin 20 receptor subunit alpha; CRF2-8; IL-20R1

GENE INFORMATION

Synonyms	IL20RA; Interleukin 20 receptor subunit alpha; CRF2-8; IL-20R1; IL-20RA; IL-20R-alpha
Entrez Gene ID	53832
UniProt ID	Q9UHF4